## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference PCT 21346	FOR FURTHER ACTION	See item 4 below
International application No. PCT/US2004/008828	International filing date (day/month/year) 23 March 2004 (23.03.2004)	Priority date (day/month/year) 27 March 2003 (27.03.2003) ]
International Patent Classification (IPC A01N 43/42, A61K 31/44	C) or national classification and IPC	
Applicant MERCK & CO. INC.		

1.	<ol> <li>This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis. I (a).</li> </ol>						
2.	2. This REPORT consists of a total of 4 sheets, including this cover sheet.						
	In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.						
3.	3. This report contains indications relating to the following items:						
	Box No. I Basis of the report						
	Box No. II Priority						
	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
	Box No. IV Lack of unity of invention						
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
	Box No. VI	Certain documents cited					
	Box No. VII	Certain defects in the international application					
	Box No. VIII	Certain observations on the international application					
4.	4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).						
			Date of issuance of this report 01 October 2005 (01.10.2005)				
The International Bureau of WIPO 34. chemin des Colombettes 1211 Geneva 20, Switzerland		ombettes	Authorized officer Yolaine Cussac				
			Telephone No. +41 22 338 70 80				
Form P	orm PCT/IB/373 (January 2004)						

INTERNATIONAL SEAF	RCHING AUT	HORITY	1		RECEIVE
MATHEW A. LEFF MERCK & CO., INC. 126 EAST LINCOLN A				PCT	1 0CT 2
RAHWAY, NJ 07065-0	VENUE 0907		wı	RITTEN OPINION (	MIGO PC
			INTERNAT	IONAL SEARCHING	G AUTHORITY
		I		(PCT Rule 43bis.1)	)
		į	Date of mailing	07 OCT 200	74
Applicant's or agent's file	reference		(day/month/year) FOR FURTHER	07 OCT 200	J4
PCT 21346			TORTORIHER	See paragraph 2 below	
International application N	٧o.	International filing date	(day/month/year)	Priority date (day/mont	F. 6
PCT/US04/08828		23 March 2004 (22 02 0	1004)	i	
nternational Patent Classi	fication (IPC)	or both national classification	ion and IPC	27 March 2003 (27.03.:	2003)
PC(7): A01N 43/42; A61	K 31/44 and U	IS Cl.: 514/300, 301, 302	, 303, 312: 546, 116	5 118 112 125	
				7, 110, 113, 133	
TERCK & CO., INC.					
1. This opinion contains	indications rela	ting to the following item	s:		
Box No. I	Basis of the	opinion			
Box No. II Priority					
Box No. III Non-establishment of opinion with rega			ard to novelty, inver	ntive step and industrial or	mlinobilia.
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  Box No. IV Lack of unity of invention			рисаонну		
Box No. V Reasoned statement under Rule 43bis. I(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
Box No. VI Certain documents cited					
Box No. VII	II Certain defects in the international application				
Box No. VIII Certain observations on the international application					
FURTHER ACTION					
Authority other than this	s one to be the	ary examination is made, Authority ("IPEA") exce IPEA and the chosen IPI al Searching Authority w	pr unit uns utes n	e considered to be a writt ot apply where the appl International Bureau unde red.	en opinion of the icant chooses an r Rule 66.1bis(b)
If this opinion is, as pro IPEA a written reply to	ovided above, cogether, where	considered to be a written	opinion of the IPE	A, the applicant is invited	to submit to the

IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ US Mail Stop PCT, Aun: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 223 13-1450 Facsimile No. (703) 305-3230

Authorized officer

Vickie Kim

7. Roberts for Telephone No. 571-272-1600

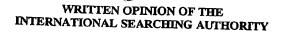
Form PCT/ISA/237 (cover sheet) (January 2004)

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US04/08828

Box No. I	D 0.41	
<b>\$</b>	Basis of this opinion	
1. With regal	rd to the language, this opinion has been established on the basis of t d, unless otherwise indicated under this item.	he international application in the language in whic
Thi	s opinion has been established on the basis of a translation from the o ich is the language of a translation furnished for the purposes of intern	riginal language into the following language
<ol><li>With regs</li></ol>	urd to any nucleotide and/or amino acid sequence disclosed in the vention, this opinion has been established on the basis of:	ne international application and necessary to the
a. type	e of material	
	a sequence listing	
	table(s) related to the sequence listing	
b. form	nat of material	
	in written format	
	in computer readable form	
c. time	of filing/furnishing	
	contained in international application as filed.	
	filed together with the international application in computer readable	e form,
	and subsequently to this Authority for the purposes of search.	
	furnished subsequently to this Authority for the purposes of search.	
. [7]		
3. In adfiled the ap	Idition, in the case that more than one version or copy of a sequent	ce listing and/or table relating thereto has been equent or additional copies is identical to that in
3. In ad filed the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in opropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in oppropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in appropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in opropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in oppropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in opropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in oppropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in oppropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in opropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in oppropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in appropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in opropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in oppropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in appropriate, were furnished.
the ap	ldition, in the case that more than one version or copy of a sequent or furnished, the required statements that the information in the subs oplication as filed or does not go beyond the application as filed, as a	ce listing and/or table relating thereto has been equent or additional copies is identical to that in opropriate, were furnished.



International application No. PCT/US04/08828

applicability; citations and exp		July Statement	
Novelty (N)	Claims	1-26	VEG
	Claims	NONE	YES NO
Inventive step (IS)	Claims	1-26	YES
•	Claims	NONE	NO
Industrial applicability (IA)	Claims	1-26	YES
	Claims	NONE	NO

Claims 1-26 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest the claimed invention that is directed to powder formulation for reconstitution comprising 3-[5-(4-methanesulfonyl-piperazin-1-ylmethyl)-1H-indole-2-yl]-1H-quinolin-2-one, as an active agent and filler, and the use thereof. US6306874 teaches novel compounds (e.g 3-[5-(4-methanesulfonyl-piperazin-1-ylmethyl)-1H-indole-2-yl]-1H-quinolin-2-one) that inhibit, regulate and modulate tyrosine kinase signal transduction, compositions and the use thereof.

However, it fails to teach a formulation adapted for reconstitution which enhances the stability and therapeutic efficacy of the said compound and their medical uses. Thus, the claimed invention is considered to be patentably novel and distinct over the prior art of

Claims 1-26 meet the criteria set out in PCT Article 33(4), and thus the claimed invention improves industrial applicability because the subject matter claimed can be made or used in industry.

Form PCT/ISA/237 (Box No. V) (January 2004)